



JAYSHREE AROMATICS PVT LTD

(100% EOU)

(Manufacturers of Aromatics & Fine Chemicals)

PLOT NO.: 4705/1/3, G.I.D.C., ANKLESHWAR- 393 002,
DIST. BHARUCH, (GUJARAT) INDIA

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PRODUCT INFORMATION

BETA IONONE

1.0 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name:- BETA IONONE

Chemical Name of Active Ingredient(s) :- 4-(2,6,6-TRIMETHYL-1-CYCLOHEXEN-1-YL)-3-BUTEN-2-ONE

Manufacturer :

Jayshree Aromatics Pvt Ltd

Plot no.4705/1/3 GIDC Estate, Ankleshwar-393002.

District Bharuch. Gujarat.

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info@jayshreeind.com

Emergency Telephone number:-

Ankleshwar-91-2646-224211

Cell phone -09825031954

2.0 PRODUCT IDENTIFICATION & COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms.

Beta-cyclocitrylidene acetone

Beta-Irisone

4-(2,6,6-trimethyl cyclohex-1-ene-1-yl) but-3-ene-2-one,

4,2,6,6-trimethyl-1-cyclohexen-1-yl-3-buten-2-one,

4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-3-buten-2-one

4-(2,6,6-trimethyl-1-cyclohexenyl)-3-buten-2-one

E)-4-(2,6,6-trimethyl-1-cyclohexenyl)but-3-en-2-one

Beta-Ionone

CCRIS 6249

NSC 402758

Beta-Cyclocitrylideneacetone

3.0 PHYSICAL CHEMICAL PROPERTIES

Appearance :- Pale yellow to Yellowish liquid

Occurrence in nature:-However ,it is a Synthesized chemical

Odor description:- Floral, Orris, Woody, less violet than alpha, woody, on dilution fruity, violet with distinctive beeswax modification

Flavor:- Woody, floral, green and fruity

Solubility:- 1:9 in 60% Alcohol

Relative Density@20°C:- 0.941~0.946

Refractive Index@20°C :- 1.5180~1.5220

% volatile by volume:- 100%

Ketone Content:-Not less than 95%

Typical Purity(GC) :- >95 beta isomer

Acid Value:- Not more than 1

Boiling point:- 255 ATMOSPHERIC

Melting Point:- -55 °C

Vapor density (Air=1) :-> 1

Flash Point:- > 129°C

4.0 OTHER INFORMATION

Standard Packing size:-5.0 kgs,30 kgs &195kgs

Packing material compatibility details:-

Compatible with Good HDPE, Galvanized Iron drums, HDPE Carboys, Aluminum Can are lacquered lined.

CAS No. 14901-07-6

Molecular wt :- 192.30

FEMA No. :- 2595

EINECS :- 238-969-9

CoE :- 142

USA Food & Drug Act Title 21 CFR Paragraph
172.515

JECFA number 389

FL Number 07.008

Chemical Formula :- C₁₃ H₂₀ O

HS No. :- 2914 23 1000

Beilstein Number/ /Gmelin 1909544

MDL number: MFCD00001549

PubChem Substance ID 24901176

RTECS : EN0350000

WHMIS (Canada): Not Available

MERCK : 13,5072

UN (DOT) : 1325

BEILSTEIN REFERENCE
2-07-00-00140

NIH PubChem CID : 638014

CANADA DSL/NDL DSL

US TSCA Listed

AUSTRALIA AICS Listed

NEW ZEALAND Listed

JAPAN ENCS (MITI) Listed

KOREA ECL Listed

Head Space:-As low as possible

Product Use:-in heavy fruity-floral compounds for all purposes Ionone Beta has a particularly intense freesia character. It is useful in the formulation of boronia and indispensable in violet compositions. The volume of Ionone Beta is emphasized by a fruity, somewhat raspberry-like background. It has good substantivity and is used in all areas of perfumery It is also more widely used in lipstick fragrances on account of its compatibility with fruity fragrance materials. particularly Raspberry chemicals.

Tenacity:->100 HRS

Use Level:- fragrance up to 15%
Flavours up to 90 PPM

Stability: - Keep in tightly closed container in a cool and dry place, protected from light.
When stored for more than 12 months quality should be checked before use

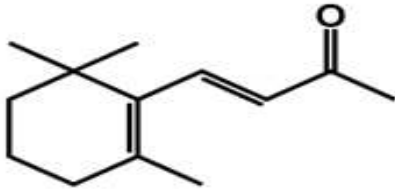
PH 1	+	ANTIPERSPIRANT	++
PH 2	+	FABRIC SOFTENER	++
PH 3	++	ALCOHOLIC LOTION	++
PH 4	++	HAND CREAM	++
PH 5	++	LIQUID DETERGENT	++
PH 6	++	SHAMPOO	++
PH 7	++	AEROSOL	++
PH 8	++	FOAM BATH	++
PH 9	++	BLEACHING AGENT	-
PH 10	++	TALCUM	++
PH 11	+	SOAP	++
PH 12	+	HARD SURFACE CLEANER	+
ACID CLEANER LIQUID	+	DETERGENT (+TAED)	+
ACID CLEANER SOLID	+	DETERGENT PERBORATE	++
TILE CLEANER	+	SOFTENING AGENT	++
CREAM RINSE	++	COLD WAVE	+
DEO STICK	++		

PHILIPPIENS PICCS Listed

FOOD CHEMICALS CODEX LISTED yes

logP (o/w) : 3.85

WGK Germany : 2



Also level of metals as follows

Copper <30ppm

Arsenic <1.1 ppm

Tin <250ppm

Zinc <50ppm

Cadmium <1.5 ppm

Mercury 1 PPM

Lead <2.5 PPM

Methyl Mercury calculated as element <0.25 ppm